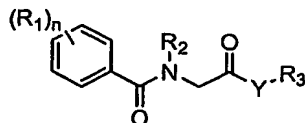


## WE CLAIM:

## 1. A compound of Formula I:



in which:

Y is selected from O, NR<sub>4</sub> and S; wherein R<sub>4</sub> is selected from hydrogen, C<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkoxy, halo-substituted-C<sub>1-6</sub>alkyl, halo-substituted-C<sub>1-6</sub>alkoxy, C<sub>6-10</sub>aryl-C<sub>0-4</sub>alkyl, C<sub>3-8</sub>heteroaryl-C<sub>0-4</sub>alkyl, C<sub>3-12</sub>cycloalkyl-C<sub>0-4</sub>alkyl and C<sub>3-8</sub>heterocycloalkyl-C<sub>0-4</sub>alkyl;

n is selected from 0, 1, 2, 3 and 4;

R<sub>1</sub> is selected from halo, hydroxy, nitro, cyano, C<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkoxy, halo-substituted-C<sub>1-6</sub>alkyl and halo-substituted-C<sub>1-6</sub>alkoxy, -XC(O)R<sub>4</sub>, -XOC(O)R<sub>4</sub>, -XC(O)OR<sub>4</sub>, -XOR<sub>4</sub>, -XS(O)<sub>2</sub>R<sub>4</sub>, -XS(O)R<sub>4</sub>, -XSR<sub>4</sub>, -XNR<sub>4</sub>R<sub>8</sub>, -XC(O)NR<sub>4</sub>R<sub>8</sub>, -XNR<sub>4</sub>C(O)R<sub>4</sub>, -XNR<sub>4</sub>C(O)OR<sub>4</sub>, -XNR<sub>4</sub>C(O)NR<sub>4</sub>R<sub>8</sub>, -XNR<sub>4</sub>C(NR<sub>4</sub>R<sub>4</sub>)NR<sub>4</sub>R<sub>8</sub>, -XP(O)(OR<sub>4</sub>)OR<sub>4</sub>, -XOP(O)(OR<sub>4</sub>)OR<sub>4</sub>, -XS(O)<sub>2</sub>NR<sub>4</sub>R<sub>8</sub>, -XS(O)NR<sub>4</sub>R<sub>8</sub>, -XSNR<sub>4</sub>R<sub>8</sub>, -XNR<sub>4</sub>S(O)<sub>2</sub>R<sub>4</sub>, -XNR<sub>4</sub>S(O)R<sub>4</sub>, -XNR<sub>4</sub>SR<sub>4</sub>, -XNR<sub>4</sub>C(O)NR<sub>4</sub>R<sub>8</sub>, - and -XC(O)SR<sub>4</sub>; wherein X is a bond or C<sub>1-6</sub>alkylene; and R<sub>4</sub> and R<sub>8</sub> are independently selected from hydrogen, C<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkoxy, halo-substituted-C<sub>1-6</sub>alkyl, halo-substituted-C<sub>1-6</sub>alkoxy, C<sub>6-10</sub>aryl-C<sub>0-4</sub>alkyl, C<sub>3-8</sub>heteroaryl-C<sub>0-4</sub>alkyl, C<sub>3-12</sub>cycloalkyl-C<sub>0-4</sub>alkyl and C<sub>3-8</sub>heterocycloalkyl-C<sub>0-4</sub>alkyl; or R<sub>4</sub> and R<sub>8</sub> together with the nitrogen atom to which R<sub>4</sub> and R<sub>8</sub> are attached form C<sub>5-10</sub>heteroaryl or C<sub>3-8</sub>heterocycloalkyl; wherein any aryl, heteroaryl, cycloalkyl or heterocycloalkyl of R<sub>4</sub> or the combination of R<sub>4</sub> and R<sub>8</sub> is optionally substituted with 1 to 4 radicals independently selected from the group consisting of halo, hydroxy, cyano, nitro, C<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkoxy, halo-substituted-C<sub>1-6</sub>alkyl and halo-substituted-C<sub>1-6</sub>alkoxy;

R<sub>2</sub> is selected from C<sub>6-10</sub>aryl-C<sub>0-4</sub>alkyl, C<sub>3-8</sub>heteroaryl-C<sub>0-4</sub>alkyl, C<sub>3-12</sub>cycloalkyl-C<sub>0-4</sub>alkyl and C<sub>3-8</sub>heterocycloalkyl-C<sub>0-4</sub>alkyl; wherein any aryl-alkyl, heteroaryl-alkyl, cycloalkyl-alkyl or heterocycloalkyl-alkyl of R<sub>2</sub> is optionally substituted by 1 to 5 radicals independently selected from halo, cyano-C<sub>0-6</sub>alkyl, C<sub>1-6</sub>alkoxy, halo-substituted-C<sub>1-6</sub>alkyl, halo-substituted-C<sub>1-6</sub>alkoxy, -OXR<sub>7</sub>, -OXC(O)NR<sub>7</sub>R<sub>8</sub>, -OXC(O)NR<sub>7</sub>XC(O)OR<sub>8</sub>, -

- $\text{OXC(O)NR}_7\text{XOR}_8$ ,  $-\text{OXC(O)NR}_7\text{XNR}_7\text{R}_8$ ,  $-\text{OXC(O)NR}_7\text{XS(O)}_{0-2}\text{R}_8$ ,  
 $\text{OXC(O)NR}_7\text{XNR}_7\text{C(O)R}_8$ ,  $-\text{OXC(O)NR}_7\text{XC(O)XC(O)OR}_8$ ,  $-\text{OXC(O)NR}_7\text{R}_9$ ,  
 $\text{OXC(O)OR}_7$ ,  $-\text{OXOR}_7$ ,  $-\text{OXR}_9$ ,  $-\text{XR}_9$ ,  $-\text{OXC(O)R}_9$ ,  $-\text{OXS(O)}_{0-2}\text{R}_9$  and  
 $\text{OXC(O)NR}_7\text{CR}_7[\text{C(O)R}_8]_2$ ; wherein X is a selected from a bond and  $\text{C}_{1-6}$ alkylene wherein  
 5 any methylene of X can optionally be replaced with a divalent radical selected from  $\text{C(O)}$ ,  
 $\text{NR}_7$ ,  $\text{S(O)}_2$  and O;  $\text{R}_7$  and  $\text{R}_8$  are independently selected from hydrogen,  $\text{C}_{1-6}$ alkyl,  $\text{C}_{1-6}$   
 alkoxy, halo-substituted- $\text{C}_{1-6}$ alkyl, halo-substituted- $\text{C}_{1-6}$ alkoxy,  $\text{C}_{6-10}$ aryl- $\text{C}_{0-4}$ alkyl,  $\text{C}_{3-8}$   
 heteroaryl- $\text{C}_{0-4}$ alkyl,  $\text{C}_{3-12}$ cycloalkyl- $\text{C}_{0-4}$ alkyl and  $\text{C}_{3-8}$ heterocycloalkyl- $\text{C}_{0-4}$ alkyl;  $\text{R}_9$  is  
 selected from  $\text{C}_{6-10}$ aryl- $\text{C}_{0-4}$ alkyl,  $\text{C}_{5-10}$ heteroaryl- $\text{C}_{0-4}$ alkyl,  $\text{C}_{3-12}$ cycloalkyl- $\text{C}_{0-4}$ alkyl and  $\text{C}_{3-8}$   
 10 heterocycloalkyl- $\text{C}_{0-4}$ alkyl; wherein any alkyl of  $\text{R}_9$  can have a hydrogen replaced with  $-\text{C(O)OR}_{10}$ ; and any aryl, heteroaryl, cycloalkyl or heterocycloalkyl of  $\text{R}_7$ ,  $\text{R}_8$  or  $\text{R}_9$  is  
 optionally substituted with 1 to 4 radicals independently selected from halo, cyano, hydroxy,  
 $\text{C}_{1-6}$ alkyl,  $\text{C}_{3-12}$ cycloalkyl, halo-substituted- $\text{C}_{1-6}$ alkyl,  $\text{C}_{1-6}$ alkoxy, halo-substituted- $\text{C}_{1-6}$   
 alkoxy,  $-\text{XC(O)OR}_{10}$ ,  $-\text{XOR}_{10}$ ,  $-\text{XR}_{11}$ ,  $-\text{XOR}_{11}$ ,  $-\text{XC(O)R}_{11}$ ,  $-\text{XNR}_{10}\text{C(O)OR}_{10}$ ,  
 15  $\text{XNR}_{10}\text{C(O)R}_{10}$ ,  $-\text{XNR}_{10}\text{S(O)}_{0-2}\text{R}_{10}$ ,  $-\text{XS(O)}_{0-2}\text{R}_{11}$ ,  $-\text{XC(O)R}_{10}$ ,  $-\text{XC(O)NR}_{10}\text{R}_{11}$ ,  
 $\text{XC(O)NR}_{10}\text{OR}_{10}$ ,  $-\text{XC(O)NR}_{10}\text{R}_{10}$ ,  $-\text{XS(O)}_{0-2}\text{NR}_{10}\text{R}_{10}$  and  $-\text{XS(O)}_{0-2}\text{R}_{10}$ ; wherein  $\text{R}_{10}$  is  
 independently selected from hydrogen,  $\text{C}_{1-6}$ alkyl and halo-substituted- $\text{C}_{1-6}$ alkyl; and  $\text{R}_{11}$  is  
 independently selected from  $\text{C}_{6-10}$ aryl,  $\text{C}_{3-8}$ heteroaryl,  $\text{C}_{3-12}$ cycloalkyl and  $\text{C}_{3-8}$   
 heterocycloalkyl;  
 20  $\text{R}_3$  is selected from  $\text{C}_{1-10}$ alkyl,  $\text{C}_{1-10}$ alkoxy, halo-substituted- $\text{C}_{1-10}$ alkyl, halo-  
 substituted- $\text{C}_{1-10}$ alkoxy and  $\text{C}_{3-12}$ cycloalkyl optionally substituted with 1 to 3  $\text{C}_{1-6}$ alkyl  
 radicals; and the pharmaceutically acceptable salts, hydrates, solvates, isomers and prodrugs  
 thereof.  
 25 2. The compound of claim 1 in which n is selected from 0, 1, 2 and 3; Y is O;  
 $\text{R}_1$  is selected from halo,  $\text{C}_{1-6}$ alkyl and halo-substituted- $\text{C}_{1-6}$ alkyl;  
 $\text{R}_2$  is selected from  $\text{C}_{6-10}$ aryl- $\text{C}_{0-4}$ alkyl,  $\text{C}_{3-8}$ heteroaryl- $\text{C}_{0-4}$ alkyl and  $\text{C}_{3-12}$   
 cycloalkyl- $\text{C}_{0-4}$ alkyl; wherein any aryl-alkyl, heteroaryl-alkyl or cycloalkyl-alkyl of  $\text{R}_2$  is  
 optionally substituted by 1 to 3 radicals independently selected from halo, hydroxyl,  $\text{C}_{1-6}$   
 30 alkoxy, halo-substituted- $\text{C}_{1-6}$ alkyl, halo-substituted- $\text{C}_{1-6}$ alkoxy,  $-\text{OXR}_7$ ,  $-\text{OXC(O)NR}_7\text{R}_8$ ,  
 $-\text{OXC(O)NR}_7\text{XC(O)OR}_8$ ,  $-\text{OXC(O)NR}_7\text{XOR}_8$ ,  $-\text{OXC(O)NR}_7\text{XNR}_7\text{R}_8$ ,  $-\text{OXC(O)NR}_7\text{XS(O)}_{0-2}$

${}_2R_8$ ,  $-OXC(O)NR_7XNR_7C(O)R_8$ ,  $-OXC(O)NR_7XC(O)XC(O)OR_8$ ,  $-OXC(O)NR_7R_9$ ,  $-OXC(O)OR_7$ ,  $-OXOR_7$ ,  $-OXR_9$ ,  $-XR_9$ ,  $-OXC(O)R_9$  and  $-OXC(O)NR_7CR_7[C(O)R_8]_2$ ; wherein X is selected from a bond and  $C_{1-6}$ alkylene;  $R_7$  and  $R_8$  are independently selected from hydrogen, cyano,  $C_{1-6}$ alkyl, halo-substituted- $C_{1-6}$ alkyl,  $C_{2-6}$ alkenyl and  $C_{3-12}$ cycloalkyl- $C_{0-4}$ alkyl;  $R_9$  is selected from  $C_{6-10}$ aryl- $C_{0-4}$ alkyl,  $C_{5-10}$ heteroaryl- $C_{0-4}$ alkyl,  $C_{3-12}$ cycloalkyl- $C_{0-4}$ alkyl and  $C_{3-8}$ heterocycloalkyl- $C_{0-4}$ alkyl; wherein any alkyl of  $R_9$  can have a hydrogen replaced with  $-C(O)OR_{10}$ ; and any aryl, heteroaryl, cycloalkyl or heterocycloalkyl of  $R_9$  is optionally substituted with 1 to 4 radicals independently selected from halo,  $C_{1-6}$ alkyl,  $C_{3-12}$ cycloalkyl, halo-substituted- $C_{1-6}$ alkyl,  $C_{1-6}$ alkoxy, halo-substituted- $C_{1-6}$ alkoxy,  $-XC(O)OR_{10}$ ,  $-XC(O)R_{10}$ ,  $-XC(O)NR_{10}R_{10}$ ,  $-XS(O)_{0-2}NR_{10}R_{10}$  and  $-XS(O)_{0-2}R_{10}$ ; wherein  $R_{10}$  is independently selected from hydrogen and  $C_{1-6}$ alkyl; and  $R_3$  is selected from  $C_{1-10}$ alkyl and  $C_{3-12}$ cycloalkyl optionally substituted with 1 to 3  $C_{1-6}$ alkyl radicals.

3. The compound of claim 1 in which  $R_1$  is selected from halo, methyl, ethyl and trifluoromethyl; and  $R_3$  is selected from *t*-butyl, methyl-cyclopentyl, 1,1-dimethyl-propyl, 1-ethyl-1-methyl-propyl and methyl-cyclohexyl.

4. The compound of claim 1 in which  $R_2$  is selected from phenyl, benzo[1,3]dioxolyl, cyclopentyl, benzoxazolyl, benzthiazolyl, 2,3-dihydro-benzo[1,4]dioxinyl, 2,3-dihydro-benzofuran, 1H-indazolyl, 1H-indolyl, naphthyl and 2-oxo-2,3-dihydro-1H-indol-5-yl; wherein any aryl-alkyl, heteroaryl-alkyl or cycloalkyl-alkyl of  $R_2$  is optionally substituted by 1 to 3 radicals selected from halo, hydroxy, methoxy, trifluoromethoxy, difluoro-methoxy, ethenyl, methyl-sulfanyl, methyl-carbonyl-amino, formamidyl, trifluoro-methyl, methyl, phenyl, oxazolyl, pyrazolyl, pyrrolidinyl-carbonyl, phenoxy, phenyl-carbonyl, pyridinyl, 1H-indolyl, pyrimidinyl, amino-carbonyl, dimethyl-amino, thiophenyl, methyl-sulphanyl, methyl-formamidyl, methyl-carbonyl, ethenyl, phenoxy, methoxy-carbonyl, benzoxy, isopropyl, furanyl, isopropoxy, [1,3]dioxolanyl and cyano-methyl; wherein any aryl, heteroaryl or heterocycloalkyl substituent of  $R_2$  is optionally substituted by 1 to 3 radicals selected from halo, methyl, cyano, carboxy, carboxy-methyl, cyano-methyl, methoxy, carbonyl-methyl, ethyl, trifluoro-methyl, hydroxy, isopropyl, methyl-sulfonyl-amino, dimethyl-amino-carbonyl, dimethyl-amino, amino-sulfonyl, chloro-

methyl-carbonyl-amino, diethyl-amino-carbonyl, 1-oxo-1,3-dihydro-isobenzofuran-5-yl, 4-oxo-piperidin-1-yl-carbonyl, benzyl-formamidyl, morpholino-carbonyl, cyclopropyl-formamidyl, isobutyl-formamidyl, ethyl-formamidyl, butoxy, ethoxy, benzyl, cyclopentyl-formamidyl, 2-methoxy-propionyl, methoxy-methyl-amino-carbonyl, methyl-carbonyl-amino, 2-oxo-piperidin-1-yl butyl, t-butyl, methyl-sulfonyl-amino, methoxy-methyl, benzo-amino-carbonyl, methoxy-carbonyl, methoxy-carbonyl-ethyl, ethoxy-carbonyl, ethoxy-carbonyl-methyl, phenoxy, hydroxy-methyl, t-butoxy-carbonyl, t-butoxy-carbonyl-amino, phenyl-sulfonyl, phenyl, acetyl-amino, methyl-sulfonyl, methoxy-carbonyl-amino, 1-carboxy-ethyl and trifluoro-methoxy.

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5. A pharmaceutical composition comprising a therapeutically effective amount of a compound of Claim 1 in combination with a pharmaceutically acceptable excipient.

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6. A method for treating a disease in an animal in which modulation of LXR activity can prevent, inhibit or ameliorate the pathology and/or symptomatology of the disease, which method comprises administering to the animal a therapeutically effective amount of a compound of Claim 1.

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7. The method of claim 6 wherein the diseases or disorder are selected from cardiovascular disease, diabetes, neurodegenerative diseases and inflammation.

8. The use of a compound of claim 1 in the manufacture of a medicament for treating a disease or disorder in an animal in which LXR activity contributes to the pathology and/or symptomatology of the disease, said disease being selected from cardiovascular disease, diabetes, neurodegenerative diseases and inflammation.

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9. A method for treating a disease or disorder in an animal in which modulation of LXR activity can prevent, inhibit or ameliorate the pathology and/or symptomatology of the disease, which method comprises administering to the animal a therapeutically effective amount of a compound of Claim 1.

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10. The method of claim 9 further comprising administering a therapeutically effective amount of a compound of Claim 1 in combination with another therapeutically relevant agent.

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